



**SFOBB – Seismic Replacement Project**  
**Status of Construction**  
**Week Ending January 30<sup>th</sup>, 2004**



**SKYWAY (04-012024)**

**Resident Engineer: Doug Coe**

Time Elapsed – 45%	Bid Opening date – December 19, 2001	<a href="http://www.newbaybridge.org">http://www.newbaybridge.org</a>
Complete – 38%	Construction Began – February 6, 2002	<a href="http://www.dot.ca.gov/dist4/sfobbbulletin.htm">http://www.dot.ca.gov/dist4/sfobbbulletin.htm</a>
Project Cost: \$1,043M	Est. Date of Completion – June 6, 2006	<a href="http://biomitigation.org/">http://biomitigation.org/</a>

**THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

	<b>This Week</b>	<b>Total to Date</b>	<b>Project Total</b>	<b>Percent Complete</b>
<b>FOUNDATIONS</b>				
Footings Boxes Set	1	16	28	57%
Piles Driven	0	74	160	46%
<b>SUBSTRUCTURE</b>				
Pier Columns	0	4	28	14%
Pier Access Casing	1	4	20	20%
<b>PRECAST YARD</b>				
Panels Cast	8	205	876	23%
Segments Cast	4	92	452	20%

**MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

Note: All dates noted are subject to change according to the contractor's schedule and weather conditions

**FOUNDATION AND SUBSTRUCTURE**

- Pier 16E – Install pier table falsework soffit and girders. Reinforcement is being assembled of site
- Pier 15E – Install pier table falsework, and soffit
- Pier 14E – Flood cell & remove cofferdam
- Pier 13E – Strip access casing forms
- Pier 12E – Pour pier concrete – 2<sup>nd</sup> lift
- Pier 11E – Continue to place 2<sup>nd</sup> lift pier reinforcement
- Pier 10E – Set pier form – 1<sup>st</sup> lift
- Pier 09E – Pour the 2<sup>nd</sup> lift of concrete inside the piles
- Pier 08E – Pour infill concrete in the footing box
- Pier 07E – Continue pile head connection welding
- Pier 06E – Continue to cut slots for pile head connections
- Pier 05E – Continue to seal annular spaces and dewater footing box
- Pier 04E – Continue to splice and drive west side piles
- Pier 03E – Continue to splice and drive west side piles
- Pier 16W – Splice and drive east side piles
- Pier 15W – Place locking fill and dewater cofferdam

**PRECAST YARD (Stockton)**

- 8 panels are scheduled to be cast.
- 4 segments are scheduled to be cast.



## **PIER W2 STRUCTURES (04-0120C4)**

**Resident Engineer: Pedro Sanchez**

Time Elapsed – 57%

Est. Date of Completion – May 26<sup>th</sup>, 2004

Structure Work Completed – 51%

Project Cost: \$25M

### **THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

- W2E: No structure work performed.
- W2W: Completed installation of cooling system. Continued work on the formwork.

### **MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

- W2E: Form bottom cap.
- W2W: Pour and cure concrete.

## **YBI SUBSTATION (04-0120G4)**

**Resident Engineer: Beau Wrightson**

Time Elapsed – 59%

Est. Date of Completion – June 23<sup>rd</sup>, 2004

Completed – 42%

Project Cost: \$5.5M

### **THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

#### **RETROFIT WORK**

- 100% Completed

#### **SUBSTATION**

- Strip Wall Forms, Concrete Pour #3
- Finish Setting Wall Forms, Concrete Pour #4
- Finish Placing Wall Rebar, Concrete Pour #4
- Double Up Wall Forms, Concrete Pour #4
- Place Concrete, Concrete Pour #4 and High Roof Slab
- Begin Cure, Concrete Pour #4 and High Roof Slab

#### **UTILITY RELOCATION**

- Finish Installing 150 MM Comp. Air Pipe
- Finish Installing 100 MM Water Pipe
- Finish Installing 150 MM Water Pipe
- Test 6" Backflow Preventer
- Test New Service

### **MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

#### **SUBSTATION**

- Finish Cure, Concrete Pour #4
- Strip Wall Forms, Concrete Pour #4

#### **UTILITY RELOCATIONS**

- Complete Comp. Air Pipe
- Provide Water Supply to Existing Substation -100 MM Water Pipe
- Abandon Existing Water Main

**Closures:** WB 80 On-Ramp east of YBI tunnel

*Note: Tentative opening date 7/1/2004*



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**COAST GUARD ROAD RELOCATION (04-0120Q4)     Resident Engineer: Richard Duncan**

Time Elapsed – 100%     Est. Date of Completion – March 6<sup>th</sup>, 2004

Complete – 80%

**THIS PAST WEEK THE FOLLOWING WORK WAS DONE:**

- Relocated 12” PVC main waterline to avoid conflict with the South footing.
- Reconstruct sanitary sewer manhole.
- Capped and abandoned cast iron waterline at South footing.
- Restore existing support galvanized channel of the tie back system at CMU wall.
- Concrete Canopy’s work delayed due to utility conflicts at South footing.

**MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:**

- Conduits from Lift station to Canopy.
- Remove cutback and pave electrical trenches.
- Structure backfill at Canopy’s south footing.
- Form footings for concrete canopy.
- Place footing rebar for both footings at Canopy.

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**COMPLETED PROJECTS**

GEOFILL (04-012054)	Project accepted – April 1 <sup>st</sup> , 2003	RE: Richard Duncan
YBI MIDDEN SITE (04-012074)	Project accepted – January 9 <sup>th</sup> , 2003	RE: Beau Wrightson
PILE INSTALL DEMO (04-012084)	Project accepted – December 15 <sup>th</sup> , 2001	RE: Mark Woods